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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: Group Art Unit: 2859

Yudong Zhu, et al.

: Examiner: Brij B. Shrivastav

Patent No. 6,879,158 *B2*

Issued: April 12, 2005

For: METHOD FOR ACCELERATING FOCUSED
EXCITATION WITH MULTIPLE RF TRANSMIT COILS

CERTIFICATE OF CORRECTION

Honorable Assistant Commissioner of Patents and Trademarks,

Alexandria, VA

Certificate
OCT 17 2005
of Correction

SIR:

Please find attached a Certificate of Correction submitted to correct issued patent 6,879,158 to correct claims 1, so that this claim matches the claim as amended on 9/5/03.

Claims 1 should read as follows:

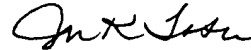
1. A radio frequency (RF) coil array assembly for use in a magnetic resonance imaging (MRI) system comprising:

a plurality of RF coils arranged in a configuration for transmitting in parallel during the transmission mode of the MRI system; and,

a plurality of corresponding RF amplifiers each coupled to a corresponding coil and generating controlled currents in the coils, the currents each being controlled by an RF pulse waveform designed along with gradient waveforms, the waveforms being designed to effect shorter time-span excitation k-space traversing by means of reducing excitation k-space sampling density and wherein the controlled currents define and steer an excitation volume of an examined subject within the MRI system.

Since the mistake is not the fault of the applicant, there are no fees owed.

Respectfully submitted,



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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,879,158 *B2*

DATED : April 12, 2005

INVENTOR(S) : Yudong Zhu

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1 should read as follows:

1. A radio frequency (RF) coil array assembly for use in a magnetic resonance imaging (MRI) system comprising:

a plurality of RF coils arranged in a configuration for transmitting in parallel during the transmission mode of the MRI system; and,

a plurality of corresponding RF amplifiers each coupled to a corresponding coil and generating controlled currents in the coils, the currents each being controlled by an RF pulse waveform designed along with gradient waveforms, the waveforms being designed to effect shorter time-span excitation k-space traversing by means of reducing excitation k-space sampling density and wherein the controlled currents define and steer an excitation volume of an examined subject within the MRI system.

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Patent No. 6,879,158

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